

Chen Liang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

583
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840776

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839539

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416
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In Situ</i> Reversible Control between Sliding and Pinning for Diverse Liquids under Ultra-Low Voltage. <i>ACS Nano</i> , 2019, 13, 5742-5752.	14.6	73
2	Bioinspired micro/nanostructured surfaces prepared by femtosecond laser direct writing for multi-functional applications. <i>International Journal of Extreme Manufacturing</i> , 2020, 2, 032002.	12.7	73
3	High-Performance Unidirectional Manipulation of Microdroplets by Horizontal Vibration on Femtosecond Laser-Induced Slant Microwall Arrays. <i>Advanced Materials</i> , 2020, 32, e2005039.	21.0	62
4	Hierarchical Hydrophilic/Hydrophobic/Bumpy Janus Membrane Fabricated by Femtosecond Laser Ablation for Highly Efficient Fog Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26542-26550.	8.0	62
5	Reconfigurable Magnetic Liquid Metal Robot for High-Performance Droplet Manipulation. <i>Nano Letters</i> , 2022, 22, 2923-2933.	9.1	57
6	Three-Dimensional Multifunctional Magnetically Responsive Liquid Manipulator Fabricated by Femtosecond Laser Writing and Soft Transfer. <i>Nano Letters</i> , 2020, 20, 7519-7529.	9.1	50
7	A New Class of Electronic Devices Based on Flexible Porous Substrates. <i>Advanced Science</i> , 2022, 9, e2105084.	11.2	40
8	A Biocompatible Vibration-Actuated Omni-Droplets Rectifier with Large Volume Range Fabricated by Femtosecond Laser. <i>Advanced Materials</i> , 2022, 34, e2108567.	21.0	40
9	Reversible Tuning between Isotropic and Anisotropic Sliding by One-Direction Mechanical Stretching on Microgrooved Slippery Surfaces. <i>Langmuir</i> , 2019, 35, 10625-10630.	3.5	31
10	Magnetic-actuated microcapillary container for versatile three-dimensional fluid interface manipulation. <i>Science Advances</i> , 2021, 7, .	10.3	19
11	Promising approaches to improve the performances of hybrid non-isocyanate polyurethane. <i>Polymer International</i> , 2019, 68, 651-660.	3.1	18
12	Laser-induced morphology-switchable slanted shape memory microcones for maneuvering liquid droplets and dry adhesion. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	13
13	Supported ZnBr ₂ and carbon nitride bifunctional complex catalysts for the efficient cycloaddition of CO ₂ with diglycidyl ethers. <i>New Journal of Chemistry</i> , 2018, 42, 16127-16137.	2.8	10
14	Guiding the Patterned Growth of Neuronal Axons and Dendrites Using Anisotropic Micropillar Scaffolds. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100094.	7.6	10
15	Magnetism-Actuated Superhydrophobic Flexible Microclaw: From Spatial Microdroplet Maneuvering to Cross-Species Control. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 35165-35172.	8.0	9
16	Sustaining Robust Cavities with Slippery Liquid-Liquid Interfaces. <i>Advanced Science</i> , 2022, 9, e2103568.	11.2	8
17	Femtosecond Laser-Assisted Top-Restricted Self-Growth Re-Entrant Structures on Shape Memory Polymer for Dynamic Pressure Resistance. <i>Langmuir</i> , 2020, 36, 12346-12356.	3.5	7
18	Ladybug Inspired Double-Layered Adhesive with Enhanced Robustness of Surface Roughness. <i>ChemistrySelect</i> , 2021, 6, 640-646.	1.5	1